1.  Find the area
2. Find the area



1. Find the area



1. Find the area



1. Find the area
2. Plot the points and find the area (-7,5) (6,5) (-9,2) (4,-2)



1. Find the area



1. Find angle 1, 2, 3, 4
2. Find angles 1, 2, 3, 4



1. Find angles 1 and 2
2. Find angles 1 and 2



1. Find angle A and D
2. Find X



1. If BD =2x+26 and AC = 3x – 3. Find X



1. If AC = 10x-10 and BD = 5x+20, find X.
2. Find the remaining missing angles of the trapezoid.

140°

110°



1. Which diagonals have perpendicular diagonals?
2. Which diagonals have congruent diagonals?
3. Graph the points and list the best name of the quadrilateral. (-2,3) (3,8) (4,1) (-1, -4)

Answer Sheet*:(turn this sheet in when done, you keep questions)* **NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. \_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_

6. \_\_\_\_\_\_\_\_\_\_

7. \_\_\_\_\_\_\_\_\_\_

8. <1\_\_\_\_\_\_\_\_\_\_ <2 \_\_\_\_\_\_\_\_\_\_ <3 \_\_\_\_\_\_\_\_\_\_ <4 \_\_\_\_\_\_\_\_\_\_

9. <1\_\_\_\_\_\_\_\_\_\_ <2 \_\_\_\_\_\_\_\_\_\_ <3 \_\_\_\_\_\_\_\_\_\_ <4 \_\_\_\_\_\_\_\_\_\_

10. <1\_\_\_\_\_\_\_\_\_\_ <2 \_\_\_\_\_\_\_\_\_\_ <

11. <1\_\_\_\_\_\_\_\_\_\_ <2 \_\_\_\_\_\_\_\_\_\_

12. <A\_\_\_\_\_\_\_\_\_\_ <D \_\_\_\_\_\_\_\_\_\_

13. \_\_\_\_\_\_\_\_\_\_

14. \_\_\_\_\_\_\_\_\_\_

15. \_\_\_\_\_\_\_\_\_\_

16. Left bottom\_\_\_\_\_\_\_\_\_\_ Right bottom \_\_\_\_\_\_\_\_\_

17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| http://www.dominatethegmat.com/wp-content/uploads/2011/02/Trapezoid_Figure1.001.jpghttp://www.mathplanet.com/media/44260/area_rhombus_499x300.jpgParallelogram A = bh Kite and rhombus Trapezoid A = $\frac{1}{2}$h(b1 + b2)http://images.tutorvista.com/cms/images/102/area-of-a-kite.png |